

Message Text

UNCLASSIFIED

PAGE 01 PARIS 09024 301958 Z

72

ACTION SCI-06

INFO OCT-01 EUR-25 ADP-00 AEC-11 ACDA-19 CIAE-00 INR-10

IO-12 L-03 NSAE-00 NSC-10 RSC-01 GAC-01 SCEM-02 NSF-04

MBFR-03 EB-11 OMB-01 TRSE-00 DODE-00 PA-03 USIA-12

PRS-01 RSR-01 /137 W

----- 067564

R 301904 Z MAR 73

FM AMEMBASSY PARIS

TO SECSTATE WASHDC 8820

INFO USMISSION EC BRUSSELS

AMEMBASSY BONN

AMEMBASSY LONDON

AMEMBASSY ROME

UNCLAS PARIS 9024

E. O. 11652: N/ A

TAGS: TECH, FR

SUBJECT: FRENCH PROGRESS ON THERMONUCLEAR FUSION RESEARCH

DEPT PASS AEC

1. FRENCH NUCLEAR AGENCY (CEA) ANNOUNCED THAT TOKOMAK RESEARCH DEVICE HAD BEEN PUT IN OPERATION AT FONTENAY- AUX- ROSES LABORATORIES. INSTALLATION OF THIS EXPERIMENTAL MACHINE IS MAJOR STEP FORWARD IN FRENCH AND EURATOM PROGRAM OF RESEARCH IN THERMONUCLEAR FUSION, A PROCESS CONSIDERED TO HOLD LONG- TERM SOLUTION TO WORLD' S ENERGY PROBLEM. ON MARCH 22, ACCORDING PRESS REPORTS, CEA TECHNICIANS ACHIEVED PLASMA FOR 10 MILLISECONDS . IN TIME, THEY HOPE TO BETTER THIS PERFORMANCE TO POINT WHERE FRENCH TOKOMAK COULD BECOME WORLD' S BEST, AT LEAST UNTIL 1975 WHEN NEW U. S. AND USSR VERSIONS ARE PUT IN OPERATION. CEA OFFICIAL CONFIRMED TIME INTERVAL TO S/ ATT.

2. COMMENCED IN 1970, TOKOMAK CONSTRUCTION COST ABOUT \$3 MILLION, TO WHICH EURATOM CONTRIBUTED 44-0/0. EURATOM- CEA COOPERATIVE AGREEMENT WAS SIGNED IN 1972 AND WILL LAST UNTIL 1975. UNDER IT,
UNCLASSIFIED

UNCLASSIFIED

PAGE 02 PARIS 09024 301958 Z

EURATOM REIMBURSES 24-0/0 OF ORDINARY EXPENSES AND 44-0/0
OF COST OF MAJOR FACILITIES. FOR ITS PART CEA REPORTEDLY DEVOTES
ABOUT 11-0/0 OF ITS FUNDAMENTAL RESEARCH CREDITS (\$100 MILLION
IN 1973) TO CONTROLLED FUSION.
IRWIN

UNCLASSIFIED

*** Current Handling Restrictions *** n/a

*** Current Classification *** UNCLASSIFIED

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts:
Control Number: n/a
Copy: SINGLE
Draft Date: 30 MAR 1973
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1973PARIS09024
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: n/a
Errors: n/a
Film Number: n/a
From: PARIS
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1973/newtext/t19730343/aaaainuc.tel
Line Count: 73
Locator: TEXT ON-LINE
Office: ACTION SCI
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 2
Previous Channel Indicators:
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: kellerpr
Review Comment: n/a
Review Content Flags:
Review Date: 08 AUG 2001
Review Event:
Review Exemptions: n/a
Review History: RELEASED <08-Aug-2001 by bryansd0>; APPROVED <22-Aug-2001 by kellerpr>
Review Markings:

Declassified/Released
US Department of State
EO Systematic Review
30 JUN 2005

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: <DBA CORRECTED> wfs 980114
Subject: FRENCH PROGRESS ON THERMONUCLEAR FUSION RESEARCH DEPT PASS AEC
TAGS: TECH, BE, FR, GM, IT, UK
To: BONN
EC BRUSSELS
LONDON
ROME
SCI
SECSTATE WASHDC
Type: TE

Markings: Declassified/Released US Department of State EO Systematic Review 30 JUN 2005